

Product Recycling

Green Products

Treating waste products as an important resource, with the goal of over 90% product recyclability

Aware of its responsibility to society as a manufacturer, Fujitsu collects and recycles waste products generated by other companies within the framework of the Fujitsu recycling system. We are now undertaking development of waste plastic recycling technologies.

Results of Waste Product Recycling

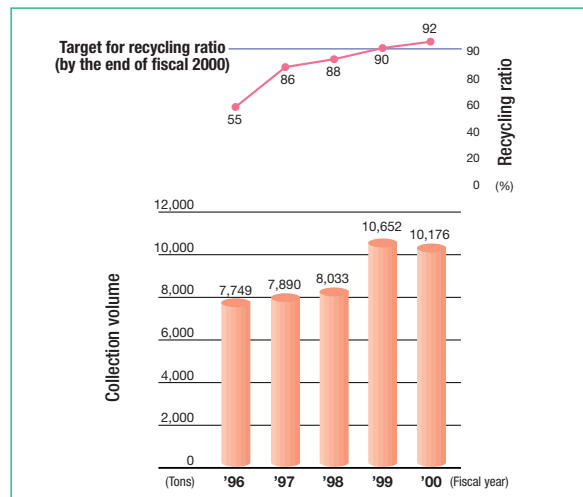
By the end of fiscal 2000, product recyclability had reached 92%, surpassing the goal of 90% specified in Fujitsu Environmental Protection Program (Stage II). The Kawasaki Plant began recycling in-house produced waste products in 1995. We followed this move during fiscal 1996–1997 by establishing recycling centers at five different locations throughout Japan, beginning with the Fujitsu Metropolitan Area Recycle Center. Since December 1998, the Fujitsu recycling system, which emphasizes recycling of waste products collected from companies, has been linked to our nationwide distribution network.

FMV Model Disassembly Manual



Waste Product Collection Volumes and Recycling Ratio*

Volume of Waste Products Collected/Recycling Ratio



*Recycling ratio = $\frac{\text{Amount of recycled parts and materials}}{\text{Amount of treated waste products}}$



Principal Achievements

- Establishment of five recycle centers (by fiscal 1997 year-end)
- Construction of Fujitsu recycling system linked to distribution network (fiscal 1998)
- Development of recycling technology for waste plastic (used in pointing holders, fiscal 1998)
- Standardization of disassembly manuals (manuals produced for 69 models, fiscal 1999)
- Establishment of recycling status management system (fiscal 1999)
- Collection of 10,000 tons of materials (fiscal 1999)
- Attainment of 90% recycling ratio (fiscal 1999)
- Introduction of component re-use system (fiscal 2000)
- Development of support software for recycling industry (22 types of product slips produced, fiscal 2000)
- Development of hard disk data erasure method (fiscal 2000)

Locations of Fujitsu Recycle Centers



“We will do our utmost to continue our efforts as a company at the forefront of recycling activities.”

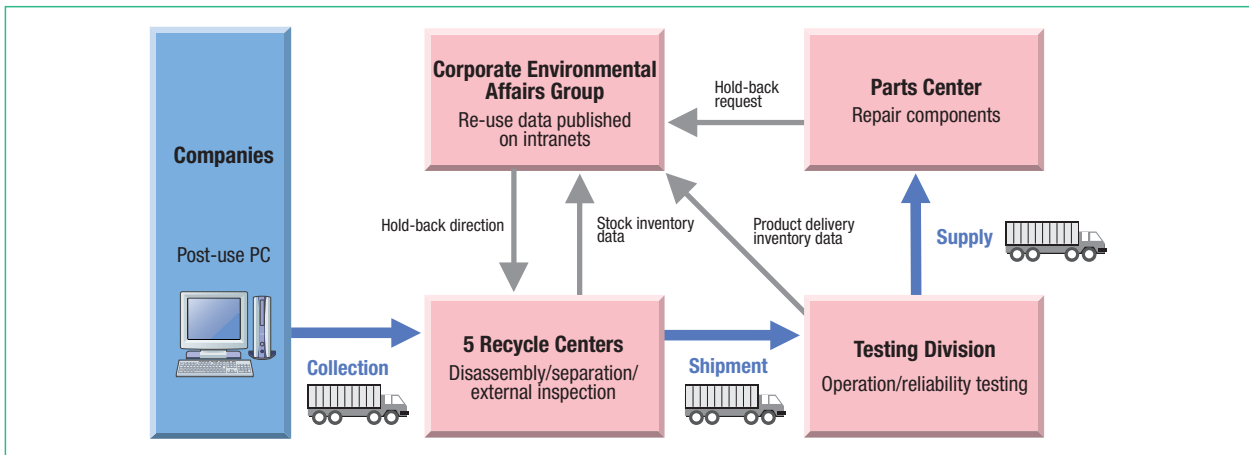
Since its establishment in March 1997, this center has endeavored to recycle information processing and communications equipment. In fiscal 2000, the treated amount reached approximately 2,400 tons. We are striving to improve our technology and boost innovation for the benefit of the global environment in anticipation of the April 2001 enactment of revised recycling legislation.

Toshiaki Urushihara General Manager, Fujitsu Western Japan Recycle Center



Component Re-use System Organization

Fujitsu is making use of intranet-based systematization in its efforts to re-use parts in the repair and maintenance of personal computers.



Development of Recycling Industry Support Software

Operational efficiency improved as system functions were strengthened, including the amounts and types of waste products collected, volumes managed and collection slips produced.



Waste product processing request form



Recycling center recycling status management system screen

Development of Software for Erasing Hard Disk Data

We developed a software system targeting client data security issues that is capable of erasing hard disk data.

Compatible HDD types: SCSI, ATA

No. of connections: Serial erasing of up to 7 hard disks

Erasing method: Overwriting of all HDD blocks with dummy code



Hard disk data erasing system screen

Principal Plans for Fiscal 2001

In line with the revised recycling legislation enacted in April 2001, Fujitsu plans to use its current recycling system for the collection and recycling of waste PCs from companies. We are planning our approach to handling waste PCs collected from individual users when the law applicable to these items comes into effect in fiscal 2002.